

1 1. In a computer system that includes a plurality of client systems and a
2 plurality of server systems, all interconnected by a network infrastructure, wherein the
3 plurality of server systems provide access to sites storing Web pages or other data, and
4 wherein one or more of the client systems comprises a computing device having a
5 processing system that includes program instructions used in the operation of the one or
6 more client systems, such as in retrieving data from said sites, a method of restoring a
7 corrupted portion of the program instructions at a client system, wherein the restoring occurs
8 automatically and without user intervention, the method comprising the client system
9 performing the following steps:

10 during initialization, checking the validity of system program instructions at
11 the client system and thereafter checking the validity of application program
12 instructions at the client system;

13 determining that a corrupted state exists in at least a portion of any of the
14 checked program instructions;

15 in response to determining that the corrupted state exists, connecting the
16 client system to one of the server systems or sites that contains a replacement for the
17 corrupted portion of the program instructions;

18 receiving the replacement from said one of the server systems or sites; and

19 replacing the corrupted portion of the program instructions with the
20 replacement.